

#### PATENT COOPERATION TREAT



# **PCT**

## INTERNATIONAL PRELIMINARY EXAMINATION REPORT

(PCT Article 36 and Rule 70)

Applicant's or agent's file reference P30992-P0	FOR FURTHER ACTION	HER ACTION See Notification of Transmittal of International Preliminary Examination Report (Form PCT/IPEA/416)	
International application No. PCT/JP2003/007600	International filing date (day/mo		
International Patent Classification (IPC) or national classification and IPC H01C 7/02, H05B 3/14, 3/34, 3/20			
Applicant MATSUS	SHITA ELECTRIC INDUS	STRIAL CO., LTD.	
1. This international preliminary examination report has been prepared by this International Preliminary Examining Authority and is transmitted to the applicant according to Article 36.  2. This REPORT consists of a total of4 sheets, including this cover sheet.  This report is also accompanied by ANNEXES, i.e., sheets of the description, claims and/or drawings which have been amended and are the basis for this report and/or sheets containing rectifications made before this Authority (see Rule 70.16 and Section 607 of the Administrative Instructions under the PCT).  These annexes consist of a total of sheets.  3. This report contains indications relating to the following items:  I			
Date of submission of the demand  Date of completion of this report			
04 December 2003 (04.12	04 December 2003 (04.12.2003) 10 March 2004 (10.03.2004)		
Name and mailing address of the IPEA/JP	Name and mailing address of the IPEA/JP  Authorized officer		
Facsimile No.  Telephone No.		ne No.	



INTERNATIONAL PRELIMINARY EXAMINATION REPORT

International application No.

## PCT/JP2003/007600

I.	Basis	of the rep	port
1.	With	regard to	the elements of the international application:*
	$\boxtimes$	the inter	national application as originally filed
	$\sqcap$	the desci	ription:
		pages	, as originally filed
		pages _	, filed with the demand
		pages _	, filed with the letter of
		the clain	
	ш	pages	
		pages _	, as amended (together with any statement under Article 19
		pages	, filed with the demand
		pages	, filed with the letter of
		the draw	
		pages	
		pages _	, as originally filed
		pages _	, filed with the demand , filed with the letter of
		-	
	Ш		ace listing part of the description:
		pages _	, as originally filed
		pages _	, filed with the demand
		pages _	, filed with the letter of
2.	the in	nternationa e elements	the language, all the elements marked above were available or furnished to this Authority in the language in which all application was filed, unless otherwise indicated under this item.  s were available or furnished to this Authority in the following language which is:  uage of a translation furnished for the purposes of international search (under Rule 23.1(b)).
			uage of publication of the international application (under Rule 48.3(b)).
			puage of the translation furnished for the purposes of international preliminary examination (under Rule 55.2 and/
3.	With preli	n regard t minary exa	to any nucleotide and/or amino acid sequence disclosed in the international application, the international amination was carried out on the basis of the sequence listing:
		containe	d in the international application in written form.
	Щ	filed tog	ether with the international application in computer readable form.
	Ш	furnished	d subsequently to this Authority in written form.
		furnished	d subsequently to this Authority in computer readable form.
		The stat	tement that the subsequently furnished written sequence listing does not go beyond the disclosure in the onal application as filed has been furnished.
		The state	tement that the information recorded in computer readable form is identical to the written sequence listing has nished.
4.		The ame	endments have resulted in the cancellation of:
			ne description, pages
	•		ne claims, Nos
		L th	ne drawings, sheets/fig
5.		This repo	ort has been established as if (some of) the amendments had not been made, since they have been considered to go ne disclosure as filed, as indicated in the Supplemental Box (Rule 70.2(c)).**
*	in th	is report (	neets which have been furnished to the receiving Office in response to an invitation under Article 14 are referred to as "originally filed" and are not annexed to this report since they do not contain amendments (Rule 70.16
**		10.17). venlacemer	nt sheet containing such amendments must be referred to under item 1 and annexed to this report



International application No.
PCT/JP03/07600

tement		•	
Novelty (N)	Claims	1-53	YE
	Claims		NCNC
Inventive step (IS)	Claims	1-53	YE
	Claims		NC NC
Industrial applicability (IA)	Claims	1-53	YE
,	Claims		NC

2. Citations and explanations

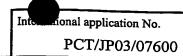
Regarding claims 1-53 /

Document 1: WO, 00/10177, A (General Electric Company), 24 February, 2000, Full text; all drawings

Document 2: JP, 2001-237104, A (NGK Insulators, Ltd.), 31 August, 2001, Full text; all drawings Document 3: JP, 2001-326105, A (TDK Corp.), 22 November, 2001, Full text; all drawings

None of documents 1-3 describes providing a flexible base material in which a part of an electrode and a part of PTC resistance body are sunk, and a flexible coating material covering the electrode and PTC and connected with the flexible base material; and thus the novelty and inventive step of the subject matter of claims 1-53 cannot be refuted based on these documents. Furthermore, it obviously has industrial applicability.





#### VI. Certain documents cited

1.	Certain	published	documents	(Rule 70.10)
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Application No. Patent No.	Publication date (day/month/year)	Filing date (day/month/year)	Priority date (valid claim) (day/month/year)
JP 2003-217904 A	31.07.2003	28.01.2002	,
[EX]		•	,
JP 2003-217902 A	31.07.2003	25.01.2002	·
[EX]	•		
JP 2003-109804 A	11.04.2003	28.09.2001	
[EX]			
JP 2003-109803 A	11.04.2003	28.09.2001	
[EY]			
JP 2002-270403 A	20.09.2002	13.03.2001	
[EY]			

2. ]	Non-written	disclosures	(Rule 70.9)
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Kind of non-written di	isclosure
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Date of non-written disclosure (day/month/year)

Date of written disclosure referring to non-written disclosure (day/month/year)